DALE E. BAUMAN, M.S., Ph.D.
Biographical Sketch

Dr. Dale E. Bauman is Liberty Hyde Bailey Professor and Professor of Nutritional Biochemistry in the Department of Animal Science at Cornell University. He was born in Michigan and received his undergraduate and graduate degrees at Michigan State University and the University of Illinois. Prior to coming to Cornell, he was a faculty member at the University of Illinois.

Dr. Bauman is internationally recognized for his research on metabolic regulation of nutrient use for growth and lactation. In particular, his research has delineated regulatory systems that allow for efficient animal performance while preserving animal health and well-being. Dr. Bauman has coauthored more than 400 scientific articles and his concepts of metabolic regulation are widely accepted and applied across the spectrum of developmental biology. His research has also led to the development of new technologies and commercial practices, one of recent importance being the use of bovine somatotropin. Dr. Bauman's current research focus involves regulating animal metabolism in a manner that produces animal-derived food products with enhanced beneficial effects for human health. Dr. Bauman also has an active teaching program being involved in undergraduate and graduate courses in the Animal Sciences and Nutritional Sciences programs at Cornell University.

In 1988, Dr. Bauman was elected to the National Academy of Sciences. He has received several honors from professional scientific societies and the USDA Superior Service Award. In addition, Dr. Bauman received the Alexander von Humboldt Award for research considered of greatest significance to U.S. agriculture, and the Council for Agricultural Science and Technology Award for exemplary contributions to public understanding of food and agricultural science. Dr. Bauman also served as member (1990-97) and chair (1993-97) of the Board of Agriculture for the National Research Council. During his tenure the Board's NRC Reports addressed a wide range of science and policy issues that included environmental and public health effects of agricultural practices, drug use in food animals, the food safety system, sanitary and phyto-sanitary standards in international agricultural trade and the future role of Agriculture Colleges in the Land Grant System.